_		Hits	Search Text	DB	Time stamp
L	umber	nics			0000/00/05
	3	4	5295487.pn. 5402791.pn. 5410209.pn.	USPAT	2002/09/05 19:10
	_	1400	6020675.pn. 600/443,447,459.ccls.	USPAT;	2002/09/05
1	5	1490	600/443,447,439.0013.	US-PGPUB	19:10
1	6	10950	310/311-371.ccls.	USPAT;	2002/09/05
-				US-PGPUB	19:11
1	7	1195	310/334,336.ccls.	USPAT; US-PGPUB	19:11
١.		4530	367/140-190.ccls.	USPAT;	2002/09/05
1	8	4530	367/140-190.0013.	US-PGPUB	19:12
1	9	304	73/dig.4.ccls.	USPAT;	2002/09/05
				US-PGPUB USPAT;	19:12 2002/09/05
2	.0	1240	29/25.35.ccls.	US-PGPUB	19:13
١,	1	16538	(5295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
4	1	10550	6020675 pp.) or 600/443,447,459.ccls. or	US-PGPUB	21:19
Ì			310/311-371.ccls. or 310/334,336.ccls. or		
1			367/140-190.ccls. or 73/dig.4.ccls. or	:	
_		5	29/25.35.ccls. ((5295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
2	22	5	6020675.pn.) or 600/443,447,459.ccls. or	US-PGPUB	21:21
			310/311-371.ccls. or 310/334,336.ccls. or		
			367/140-190.ccls. or 73/dig.4.ccls. or		
			29/25.35.ccls.) and (ultrasonic adj vibration adj element\$1)		
,	24	17	((5295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
'	יי	1,	6020675.pn.) or 600/443,447,459.ccls. or	US-PGPUB	21:22
			310/311-371.ccls. or 310/334,336.ccls. or		
			367/140-190.ccls. or 73/dig.4.ccls. or 29/25.35.ccls.) and (single\$1crystal adj		
			piezoelectric)		
	25	6	(((5295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
'	-	_	6020675 pm.) or 600/443,447,459.ccls. or	US-PGPUB	21:26
			310/311-371.ccls. or 310/334,336.ccls. or		
			367/140-190.ccls. or 73/dig.4.ccls. or 29/25.35.ccls.) and (single\$1crystal adj		
			piezoelectric)) and array		
	26	0	"cut like an array"	USPAT;	2002/09/05
			l little and marin 01	US-PGPUB USPAT;	2002/09/05
	27	2238	conductive adj resin\$1	US-PGPUB	21:27
	28	1279	(conductive adj resin\$1) and electrode\$1	USPAT;	2002/09/05
- '				US-PGPUB	21:28
	29	495	((conductive adj resin\$1) and	USPAT; US-PGPUB	21:28
	30	36	electrode\$1) and silver ((5295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
	30	36	6020675.pn.) or 600/443,447,459.ccls. or	US-PGPUB	22:02
			310/311-371.ccls. or 310/334,336.ccls. or		
		1	367/140-190.ccls. or 73/dig.4.ccls. or		
			29/25.35.ccls.) and (((conductive adjresin\$1) and electrode\$1) and silver)		
	31	1	l	USPAT;	2002/09/05
		•	element\$1)	US-PGPUB	22:05 2002/09/05
	32	27	piezoelectric adj monocrystal	USPAT; US-PGPUB	2002/09/05
	22	,	(piezoelectric adj monocrystal) and array	USPAT;	2002/09/05
İ	33	3		US-PGPUB	22:14
-	34	17	conductive adj resin\$1 adj electrode\$1	USPAT;	2002/09/05
				US-PGPUB USPAT;	22:20
1	35	1	((5295487.pn. 5402791.pn. 5410209.pn. 6020675.pn.) or 600/443,447,459.ccls. or	US-PGPUB	22:15
			310/311-371.ccls. or 310/334,336.ccls. or		
		1	367/140-190.ccls. or 73/dig.4.ccls. or	İ	
			29/25.35.ccls.) and (conductive adj		
			resin\$1 adj electrode\$1)	USPAT;	2002/09/05
	36	7033	piezoelectric adj material	US-PGPUB	22:25
- 1	37	1	6323061.pn.	USPAT;	2002/09/05
	J .			US-PGPUB	22:27

Search History 9/6/02 2:48:44 AM Page 1

			7	
38	1	6020675.pn.	USPAT;	2002/09/05
	_	•	US-PGPUB	22:37
39	2	6020675.URPN.	USPAT	2002/09/05
				22:27
40	5	("4613784" "4658176" "4683396"	USPAT	2002/09/05
		"4728845" "5539965").PN.	wann.	2002/09/05
41	1	6323061.pn.	USPAT;	23:03
			US-PGPUB	2002/09/05
42	0	6323061.URPN.	USPAT	2002/03/03
·	ļ <u>'</u>		USPAT	2002/09/05
43	3	("6019523" "6049121" "6184109").PN.	USPAI	22:38
		ti- adi impedance	USPAT;	2002/09/05
44	3773	acoustic adj impedance	US-PGPUB	23:10
1	1076	((5295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
45	1076	6020675.pn.) or 600/443,447,459.ccls. or	US-PGPUB	23:05
	1	310/311-371.ccls. or 310/334,336.ccls. or	05 10102	
		367/140-190.ccls. or 73/dig.4.ccls. or		
		29/25.35.ccls.) and (acoustic adj		
		impedance)]
46	325	((15295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
140	323	6020675.pn.) or 600/443,447,459.ccls. or	US-PGPUB	23:06
		310/311-371.ccls. or 310/334,336.ccls. or		1
		367/140-190.ccls. or 73/dig.4.ccls. or]
	j	29/25.35.ccls.) and (acoustic adj		!
		impedance)) and (piezoelectric adj		
		element\$1)		2000/00/05
47	150	((((5295487.pn. 5402791.pn. 5410209.pn.	USPAT;	2002/09/05
1		6020675.pn.) or 600/443,447,459.ccls. or	US-PGPUB	23:10
		310/311-371.ccls. or 310/334,336.ccls. or		
		367/140-190.ccls. or 73/dig.4.ccls. or		•
		29/25.35.ccls.) and (acoustic adj		
İ		impedance)) and (piezoelectric adj		
		element\$1)) and (ultrasonic adj		
1		transducer\$1)	USPAT;	2002/09/05
48	619	(acoustic adj impedance) and (piezoelectric adj material)	US-PGPUB	23:10
	73	((acoustic adj impedance) and	USPAT	2002/09/05
50	/3	(piezoelectric adj material)) and (lead		23:24
		adj titanate)		
51	82	cutting adj characteristic	USPAT	2002/09/05
31	1	Jacobson and Jacob		23:24
52	18	(cutting adj characteristic) and resin	USPAT	2002/09/05
""				23:55
54	3	resin adj (acoustic adj matching adj	USPAT;	2002/09/05
		laver\$1)	US-PGPUB	23:58
55	14	composite adj piezoelectric adj (member	USPAT;	2002/09/06
1		or element)	US-PGPUB	00:07
56	15		USPAT;	2002/09/06
1		piezoelectric	US-PGPUB	2002/09/06
57	3	4825115.pn. 5329498.pn. 5267221.pn.	USPAT	02:28
		20/05/25	USPAT;	2002/09/06
58	76	29/25.35.ccls. and polishing	US-PGPUB	02:34
		(20/25 25 male and maliahing) and	USPAT;	2002/09/06
61	53		US-PGPUB	02:41
1 60	1570	piezoelectric polishing and (polymeric adj material)	USPAT;	2002/09/06
62	1579	polishing and (polymetric ad) material)	US-PGPUB	02:41
63	1	polishing and (polymeric adj material adj	USPAT;	2002/09/06
63	1	removal)	US-PGPUB	02:42
		Teword1)		